SCANNED, # 12

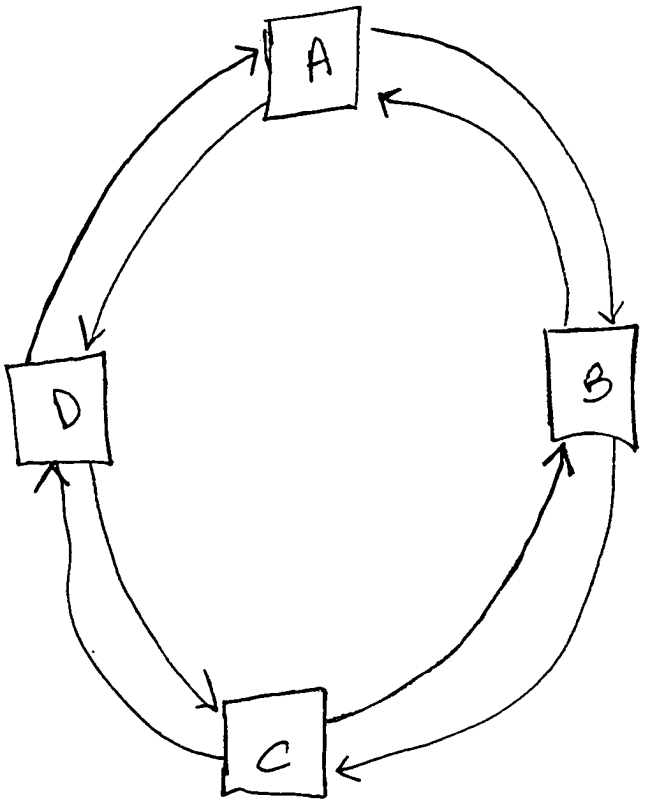

Fig. 1a
(Prior art)

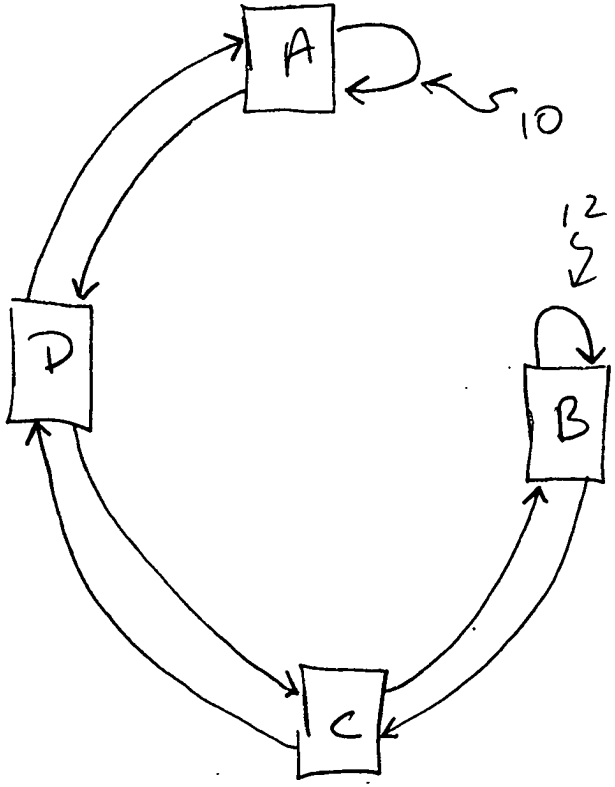

Fig. 1b
(Prior art)

Possible Data Paths

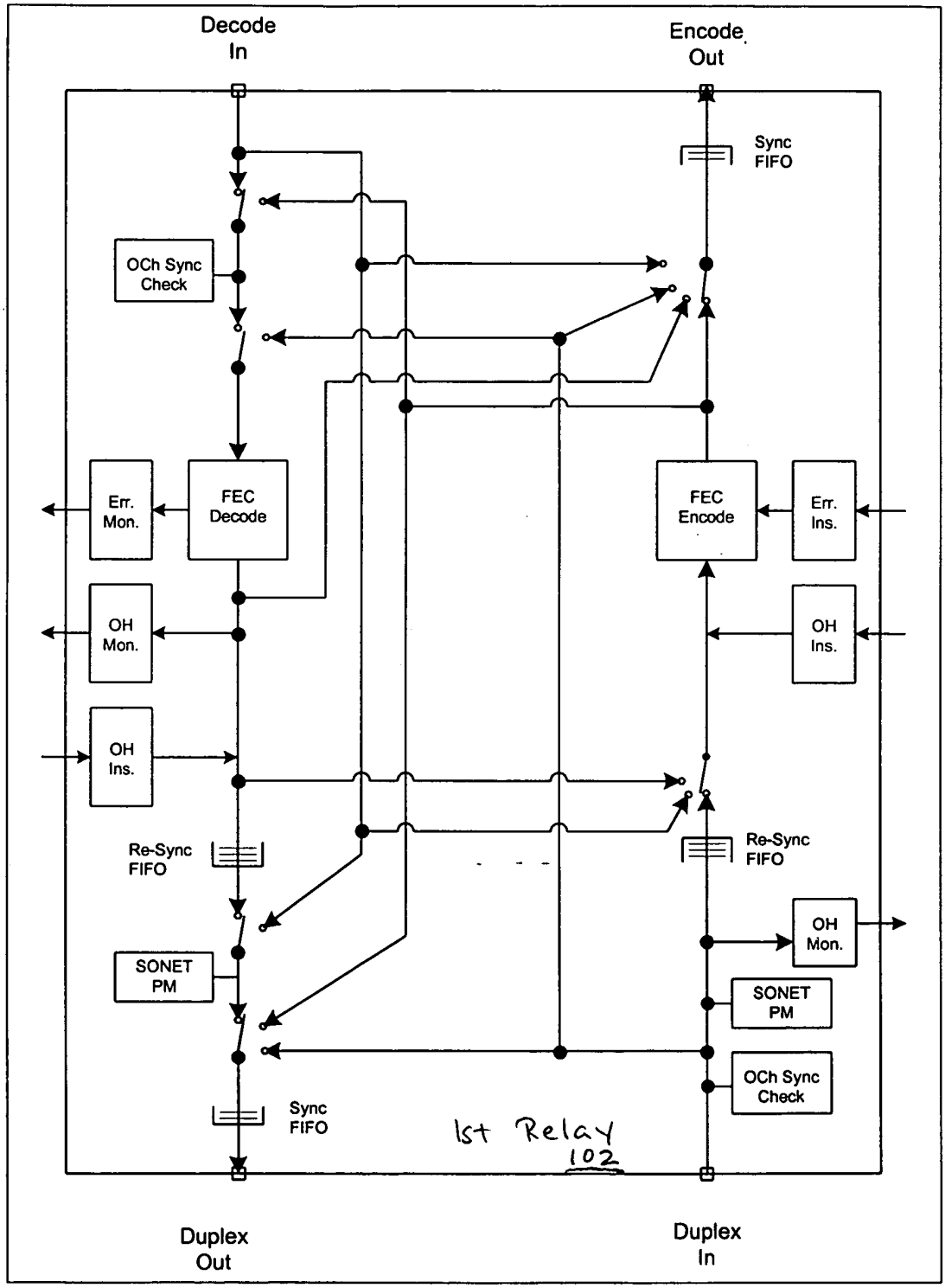

Fig. 2

SCANNED, # 12

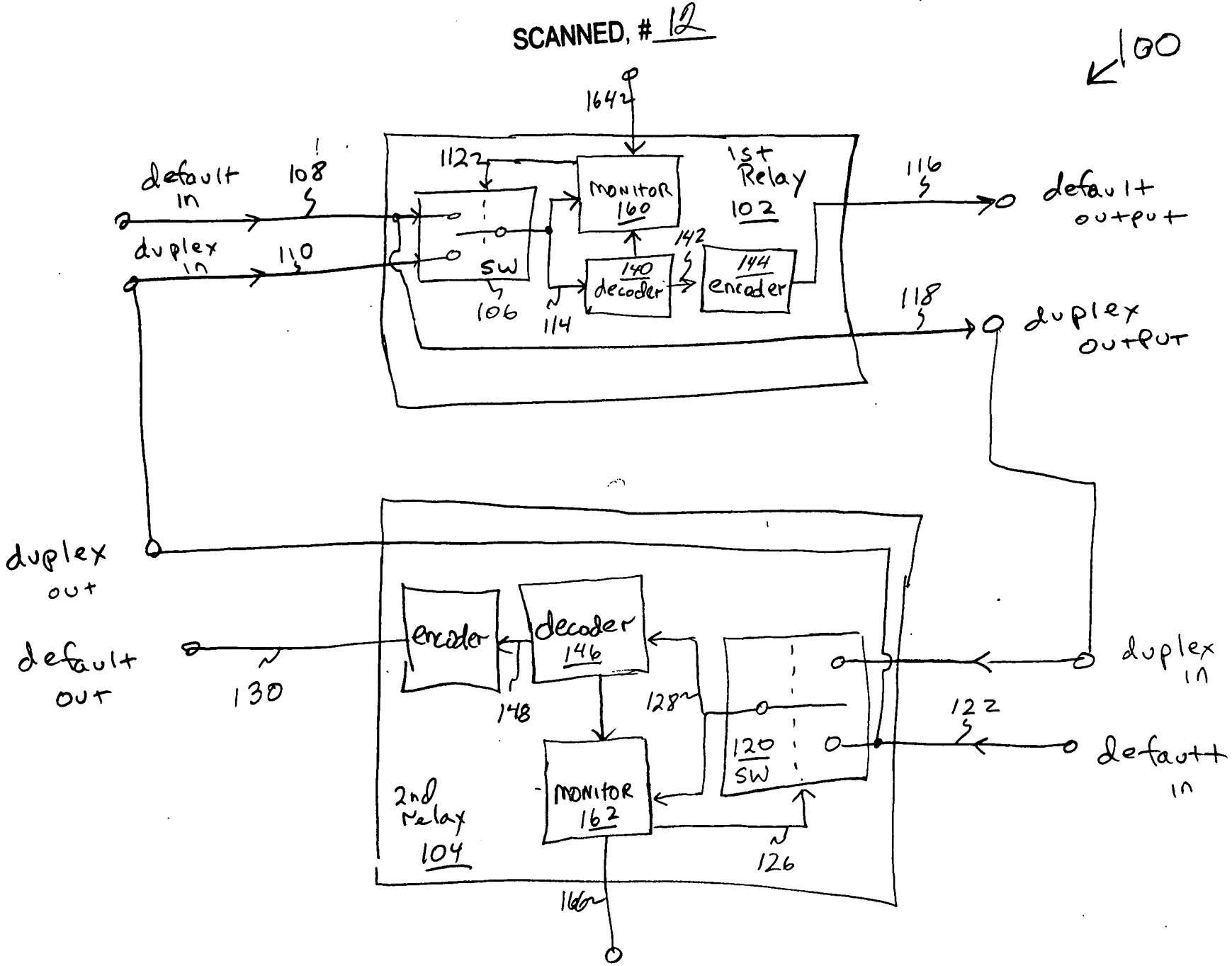

Fig. 3

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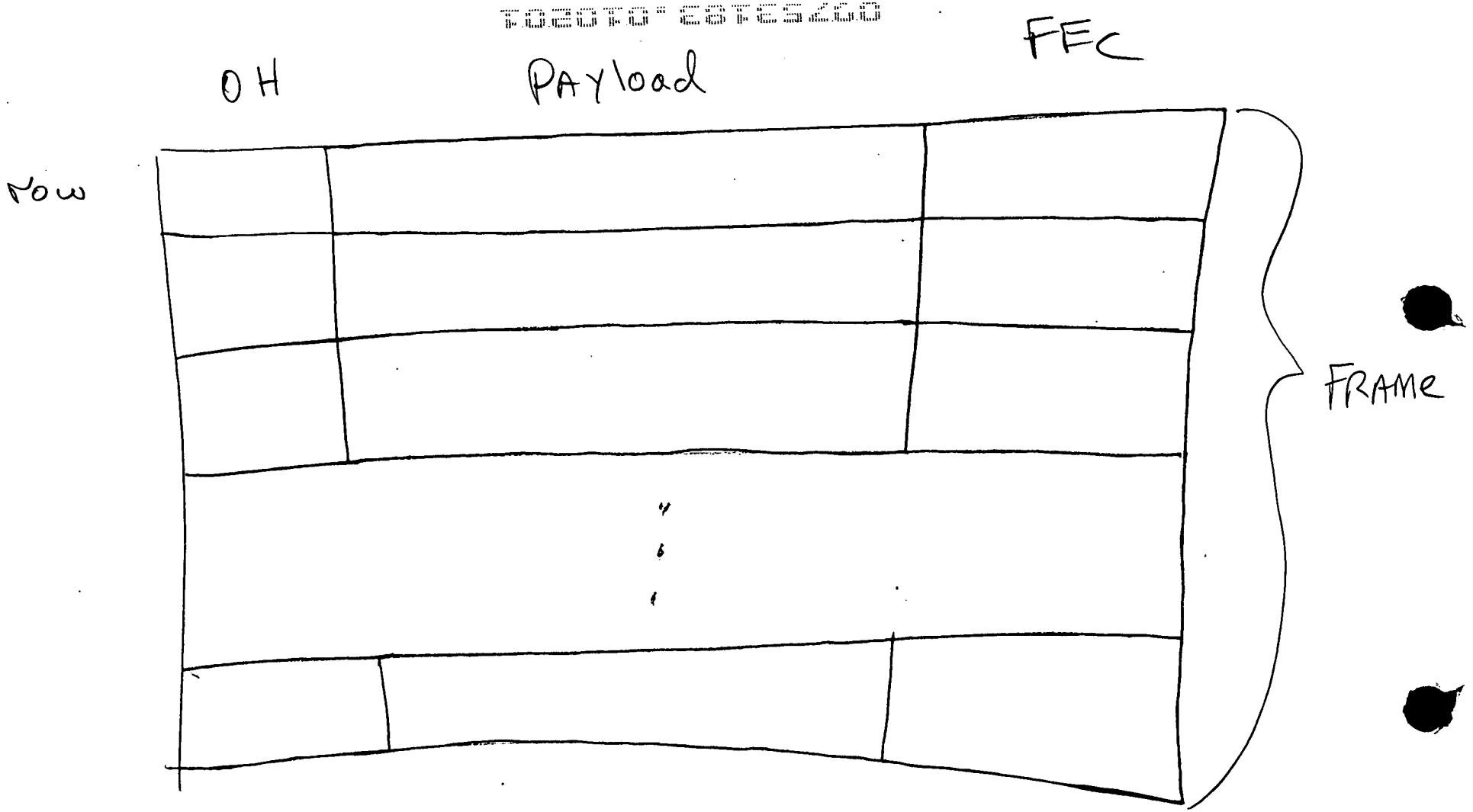

Fig. 4

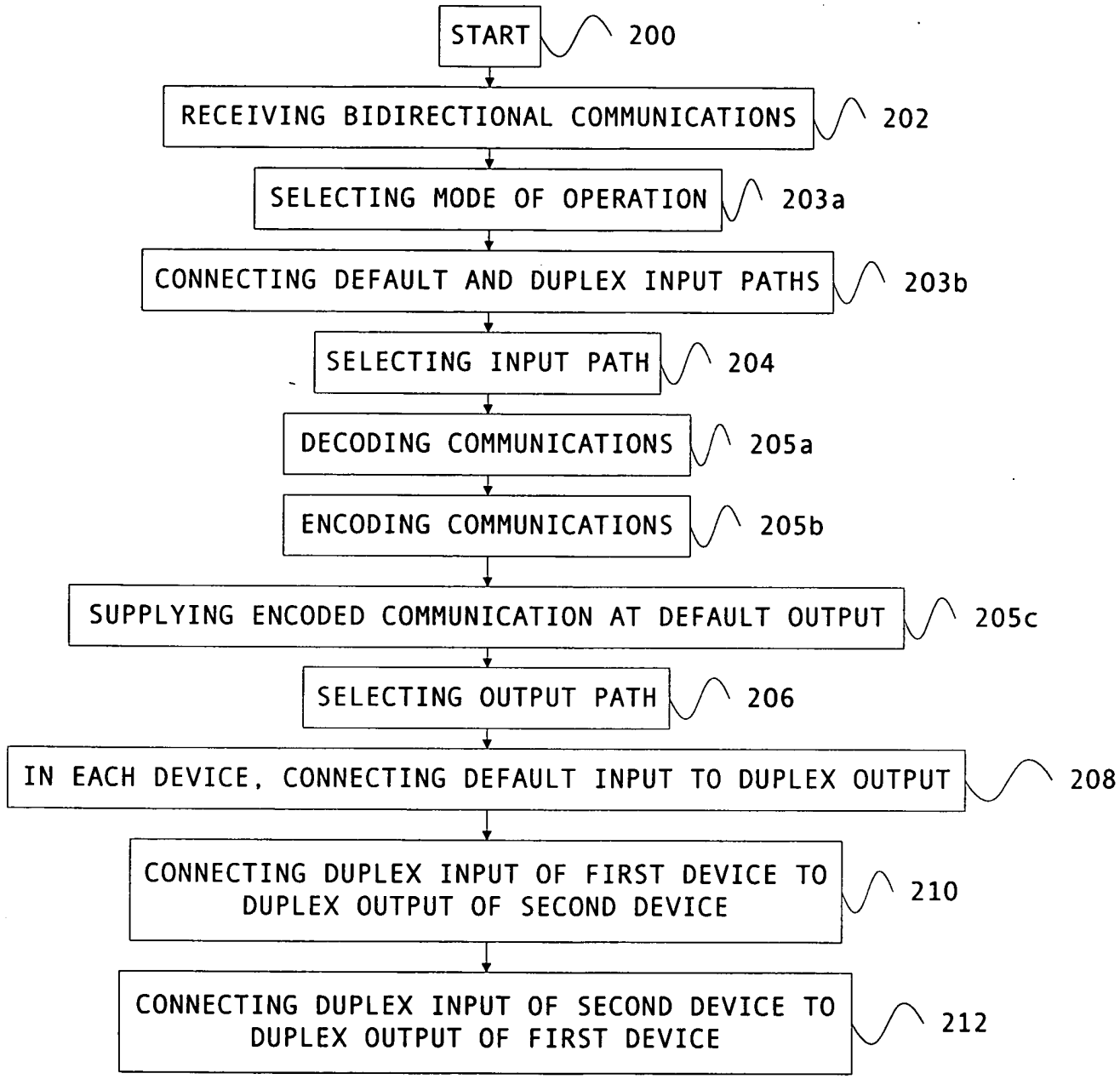
START
200
RECEIVING BIDIRECTIONAL COMMUNICATIONS
202
SELECTING MODE OF OPERATION
203a
CONNECTING DEFAULT AND DUPLEX INPUT PATHS
203b
SELECTING INPUT PATH
204
DECODING COMMUNICATIONS
205a
ENCODING COMMUNICATIONS
205b
SUPPLYING ENCODED COMMUNICATION AT DEFAULT OUTPUT
205c
SELECTING OUTPUT PATH
206
IN EACH DEVICE, CONNECTING DEFAULT INPUT TO DUPLEX OUTPUT
208
CONNECTING DUPLEX INPUT OF FIRST DEVICE TO DUPLEX OUTPUT OF SECOND DEVICE
210
CONNECTING DUPLEX INPUT OF SECOND DEVICE TO DUPLEX OUTPUT OF FIRST DEVICE
212

FIG. 5

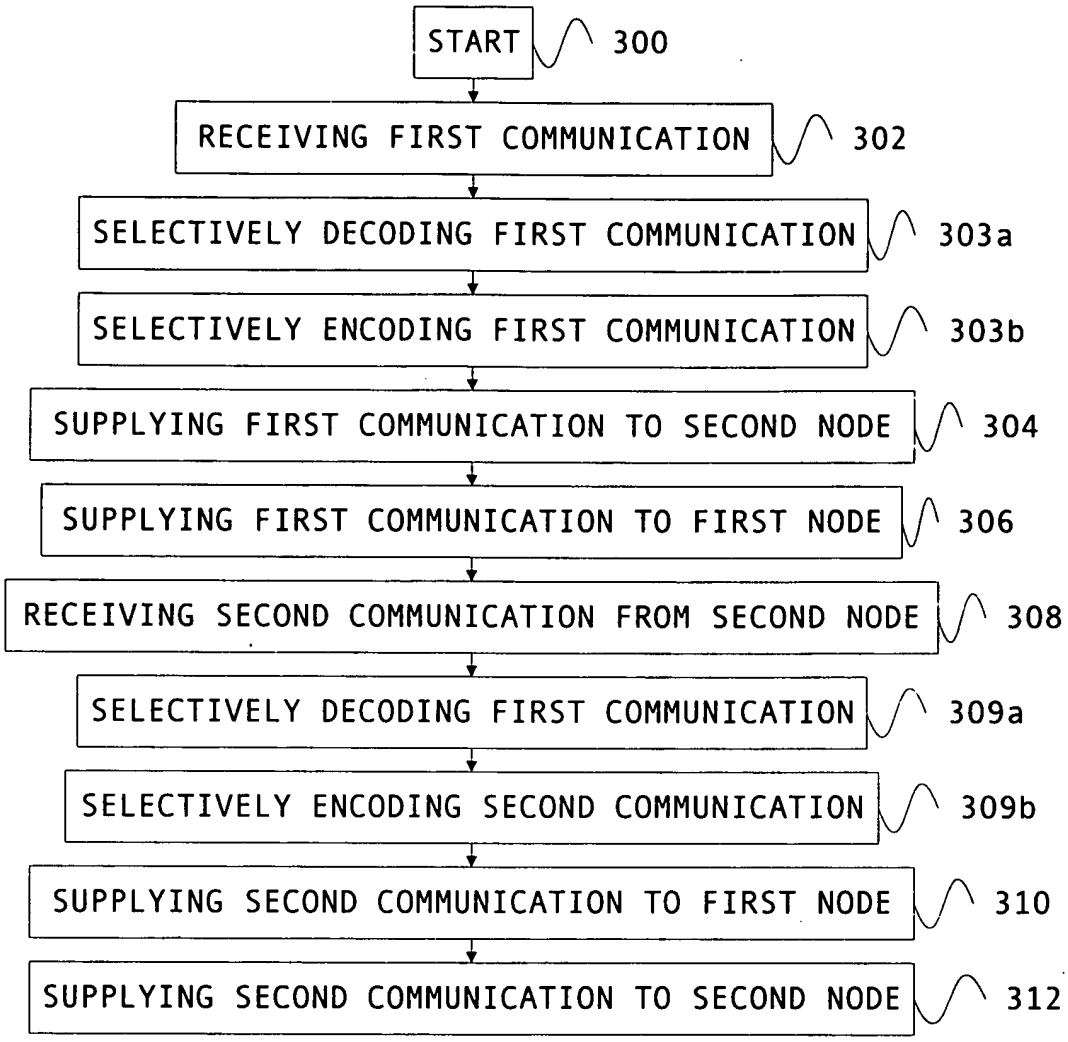
START
300
RECEIVING FIRST COMMUNICATION
302
SELECTIVELY DECODING FIRST COMMUNICATION
303a
SELECTIVELY ENCODING FIRST COMMUNICATION
303b
SUPPLYING FIRST COMMUNICATION TO SECOND NODE
304
SUPPLYING FIRST COMMUNICATION TO FIRST NODE
306
RECEIVING SECOND COMMUNICATION FROM SECOND NODE
308
SELECTIVELY DECODING FIRST COMMUNICATION
309a
SELECTIVELY ENCODING SECOND COMMUNICATION
309b
SUPPLYING SECOND COMMUNICATION TO FIRST NODE
310
SUPPLYING SECOND COMMUNICATION TO SECOND NODE
312

FIG. 6